

Supplemental Material

Exposure to traffic pollution and increased risk of rheumatoid arthritis

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| Supplemental Material Table 1: Hazard Ratios and 95% Confidence Intervals from Cox Proportional Hazard Models for Incident RA 1976-2004 with Distance to the Closest A1-A3 Road Measured in 2000 in Women Who Do Not Move 1988-2004. | | | | |
|---|-------|--------------------------|------------------|-----------------------------|
| Distance to Road ^a | | Basic Model ^b | | Adjusted Model ^c |
| Whole Cohort (N=52,791) | Cases | Person-Years | HR (95%CI) | HR (95%CI) |
| 0-<50 | 38 | 1,724,640 | 1.15 (0.83-1.61) | 1.15 (0.82-1.60) |
| ≥50-<200 | 57 | 239,122 | 0.82 (0.62-1.08) | 0.82 (0.62-1.08) |
| ≥200 | 491 | 116,181 | Reference | Reference |
| Nonsmokers (N= 23,826) ^d | | | | |
| 0-<50 | 18 | 53,847 | 1.46 (0.89-2.38) | 1.45 (0.88-2.37) |
| ≥50-<200 | 18 | 104,415 | 0.74 (0.46-1.21) | 0.73 (0.45-1.20) |
| ≥200 | 179 | 778,791 | Reference | Reference |
| ^a Distance (in meters) to the nearest road of Census Classes A1-A2 in 2000 | | | | |
| ^b Adjusted for current age in months and calendar year | | | | |
| ^c Adjusted for current age in months, race, smoking status (current, former, never), pack-years of cigarette smoking, age at menarche, parity, duration of lactation, menopausal status, menopausal hormone use, oral contraceptive use, race, physical activity, body mass index, mother and father's occupation, education level, marital status, husband's education, and Census tract level median family income and house value | | | | |
| ^d Defined as never smokers at baseline (1976) | | | | |